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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent Application 09/944823

**PATENT** 

erman Title:

Halbleiterlaserchip und Verfahren zum Herstellen eines Halbleiterlaserchips

English Translation:

Semiconductor laser chip and method for fabricating a

semiconductor laser chip

Applicant:

Infineon Technologies, AG

Inventors:

Bernd Borchert

Attorney Docket:

32226.12

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

## PRELIMINARY AMENDMENT

In the above-entitled patent application, please amend the application as follows:

## In the Claims

(amended) Semiconductor laser chip having a semiconductor laser element 2 and a beam shaper integrated into the semiconductor laser chip and serving to shape a laser

beam emitted by the semiconductor laser element, the beam shaper being arranged in a

manner integrated in the semiconductor laser element in the exit direction of a laser beam

emitted by the semiconductor laser element, such that the emitted laser beam is guided

through the beam shaper, the beam shaper having a predetermined concentration profile of

oxidized aluminium.

(amended) Semiconductor laser chip according to Claim 1, in which the beam 3.

shaper has aluminium-containing material.

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